

MARIO A. GONZÁLEZ, Ph.D.

Professional Title:

President & CEO, GloboMax Américas, specializing in product development and pharmacokinetics research & a GloboMax

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Education:

B.S. Pharmacy with Honors, University of Texas, Austin, 1964

M.S. Pharmacy,

University of Texas, Austin, 1967

Ph.D. Pharmacokinetics,

University of California, San Francisco, 1975

Positions Held:

Pharmacist-Tovar Pharmacy

Austin, Texas, 1965-1966

Pharmacist-Garcia Pharmacy

Alice, Texas, 1966-1967

Trainee on NIH Training Grant

University of California, San Francisco, 1968-1974

Assistant Professor of Biopharmaceutics

School of Pharmacy

University of Colorado, Boulder, 1974-1977

Affiliate Assistant Professor of Pharmacology

School of Veterinary Medicine

Colorado State University, Fort Collins, 1976-1977

Summer Visiting Professor, Abbott Laboratories

N. Chicago, Illinois, 5/77-8/77

Assistant Professor of Pharmaceutics

School of Pharmacy and Pharmacal Sciences

Purdue University

West Lafayette, Indiana 1977-1980

Manager, Clinical Pharmacology

Key Pharmaceuticals, Inc.

Miami, Florida, 1980-1983

Director, Biopharmaceutics and Pharmacokinetics

Key Pharmaceuticals, Inc.

Miami, Florida, 1983-1986

Director, Biopharmaceutics and Pharmacokinetics

Schering-Plough Research,

Miami, Florida, 7/86-4/91

President, P'Kinetics, Inc.

Pembroke Pines, Florida, 4/91-11/99

President, GloboMax Américas LLC

Pembroke Pines, Florida, 11/99-present

Membership in Scientific and Professional Societies:

American Association of Pharmaceutical Scientists
American Association of Colleges of Pharmacy
Controlled Release Society
Rho Chi
Sigma XI

Symposia and Invited Lectures:

- 1. Lecturer at 10th Annual Meeting of the American Society of Consultant Pharmacists in Dallas. Topic: Pharmacokinetic Considerations in Geriatrics, November, 1979.
- Controlled-Release Delivery Systems for Theophylline: lecture at Industrial Pharmaceutical R & D Symposium, Oral Controlled Drug Administrations, Rutgers University, January, 1983.
- 3. Speaker at International Industrial Pharmacy Meeting (Lakeway Meeting), Topic: "Sustained-Release Theophylline Formulations" Austin, Texas, February, 1983.
- 4. Invited lecture entitled Pharmacokinetics and Its Utilization in a Pharmaceutical Dosage Regimen. Presented at the Miami Meeting of the Engineering in Medicine and Biology Society, June, 1983.
- 5. Speaker at 9th Annual Spring Meeting of AOAC (Association of Official Analytical Chemists). Topic: Problem Solving in Dosage from Design Using *In Vitro-In Vivo* Correlation, Philadelphia, April, 1984.
- 6. The Use of Pharmacokinetics in the Evaluation of Controlled-Release Delivery Systems: lecture at 12th International Symposium on Controlled Release of Bioactive Materials, Geneva, Switzerland, July, 1985.
- 7. Use of *In Vitro-In Vivo* Correlations in Dosage Form Design of Sustained-Release Theophylline: lecture at Symposium during Congress of the European Society of Pneumology, Milan, Italy, September, 1985.
- 8. Lecturer at Arden House Conference on Industrial Pharmacy. Topic of three-hour lecture: Evaluation of Oral Controlled-Release Dosage Forms, January, 1986.
- 9. Coordinator of Educational Session at National AphA Meeting in Atlanta, Title of Symposium: Transdermal Drug Delivery: Problems and Perspectives, March, 1988.
- 10. Seminar entitled Biopharmaceutic/Pharmacokinetic Considerations for Controlled-Release Dosage Forms. Presented at Nortec Oral Controlled-Release Dosage Forms Symposium, March, 1988.

- 11. Lecture entitled Controversies in the Interpretation of Transdermal Nitroglycerin Pharmacokinetics, presented at the Symposium on Transdermal Nitroglycerin Therapy in Ischemic Heart Disease, Newport Beach, June, 1988.
- 12. PDD Symposium Chairman-Physicochemical Means of Improving Skin Permeation, AAPS, Orlando Meeting, November, 1988.
- 13. Panel member at AAPS/FDA Workshop on *In Vitro* and *In Vivo* Testing and Correlation for Oral Controlled/Modified-Release Dosage Forms. Presentation entitled Bioequivalence Considerations: Fluid Content and Timing of Meals, Washington, D.C., December, 1988.
- 14. Lecture on Pharmacokinetic Evaluation of Transdermal Drug Delivery, Seminar at Bureau of Drug Research, Health Protection Branch, Ottawa, Ontario, March, 1989.
- 15. Seminar entitled Biopharmaceutic/Pharmacokinetic Considerations for Controlled-Release Dosage Forms. Presented at Nortec Oral Controlled-Release Dosage Forms Symposium, April, 1989.
- 16. Panel member at Bio International '89: Session title: Food Effects in Bioequivalency Evaluations, Toronto, Ontario, October, 1989.
- 17. PPDM Symposium Chairman: Trials and Tribulations with Pharmacokinetic Studies, AAPS, Atlanta Meeting, October, 1989.
- 18. Co-Chairman of Transdermal Focus Podium, AAPS, Las Vegas Meeting, November, 1990.
- 19. Speaker at 20th International Conference on Chronobiology; Satellite Conference on Chronopharmacology and Chronotherapy. Topic: Chronopharmacology of Theophylline, Jerusalem, Israel, June, 1991.
- 20. Update Lecturer, Pharmacy World Congress. Topic: Trends in Transdermal Drug Delivery, Washington, D.C., September, 1991.
- 21. PDD/PPDM Symposium Chairman: Pharmacokinetics and Pharmacodynamics of Transdermal Delivery Systems, AAPS, Washington, D.C. Meeting, November, 1991.
- 22. Speaker at "Nitrates for the Nineties". Topic: Pharmacokinetics of Transdermal Nitroglycerin, Gleneagles, Scotland, December, 1991.
- 23. Speaker at International Conference on Oral Controlled-Release Dosage Forms. Topic: Bioevaluation of Oral Sustained-Release Dosage Forms. Berlin, Germany, April, 1992.
- 24. Speaker at AAPS/FDA/USP Workshop on the Scale-Up of Oral Solid Extended Release Formulations. Topic: *In Vivo/In Vitro* Correlations: Mathematical Approach, Arlington, VA, September, 1992.
- 25. Speaker at Congreso Internacional Quimico Farmaceutico, Santiago, Chile, August, 1992.

Topics:

Transdermal Drug Delivery Systems. Design and Evaluation Pharmacokinetic Evaluation of Transdermal Drug Delivery Trends in Transdermal Drug Delivery

- 26. Speaker at 32nd Annual Eastern Pharmaceutical Technology Meeting (EPTM). Topic: Design of Controlled Release Formulations Through *In Vitro/In Vivo* Correlations. Princeton, New Jersey, October, 1992.
- 27. Co-Chair Drug/Polymer Interactions in Pharmaceutical Formulations, AIChE Annual Meeting, November, 1992.
- 28. Speaker at Technomic Conference: Oral Controlled-Release Dosage Forms- Research and Development, Evaluation, Scale-Up, Manufacture, Approval and Marketing. Topic: Bioevaluation of Oral Controlled-Release Formulations. Zurich, Switzerland, June, 1993.
- 29. Research seminars presented at Schools of Pharmacy:
 - a) University of California, San Francisco 1979
 - b) University of Illinois Medical Center 1979
 - c) University of Tennessee 1982 and 1989
 - d) University of Geneva, Switzerland 1984
 - e) University of West Virginia 1985
 - f) University of Michigan 1986 and 1990
 - g) Hebrew University, Jerusalem, Israel 1991
 - h) University of Geneva, Switzerland 1993
 - i) Nova Southeastern University, Miami 1995
- 30. Lecturer at the International Course on Modern Pharmaceutical Dosage Forms, Pontifica Universidad Catolica de Chile, Santiago, Chile, November 30-December 3, 1993.
- 31. Speaker at FDA seminar on "Bioevaluation of Oral Controlled-Release Formulations and In Vitro/In Vivo Correlations", Rockville, MD, December 7, 1993.
- 32. Speaker at TGA (Australian Therapeutic Goods Administration) Continuing Education Seminar on "Clinical Pharmacokinetics of Transdermal Nitroglycerin", Canberra, Australia, March 30, 1994.
- 33. 21st International Symposium on Controlled Release of Bioactive Materials: Chair & Speaker at Workshop on Scale-up & Manufacturing Site Change, topic "In Vitro/In Vivo Correlations", Nice, France, June 24-25, 1994.
- 34. Moderator and co-author of Consensus Report for the AAPS/FDA Workshop on Evaluation of Orally Administered Highly Variable Drugs and Drug Formulations, Arlington, VA, March 6-8, 1995.

- 35. Panel member at FIP BIO International '96: Session title: BA/BE of Extended and Controlled Release Products, Toyko, April 23, 1996.
- 36. Speaker & Co-Chair at AAPS/FDA/USP Workshop on Scale-Up of Adhesive Transdermal Drug Delivery Systems. Topics: Compositional Variables-Case Study 1: Adhesive Polymer Sources and Consensus Report: BE Studies vs_In Vitro, Arlington, VA, April 29-May 1, 1996.
- 37. Speaker at the American College of Osteopathic Family Physicians Annual Meeting on "A Pharmacokinetic Review of Second Generation Antihistamines", Nashville, TN, April 3, 1998.
- 38. Speaker at the American Academy of Physician Assistants Annual Meeting on "Antihistamines: Pharmacokinetic Considerations in Their Selection", Salt Lake City, Utah, May 24, 1998.
- 39. Speaker at Respiratory 2000 on "Pharmacokinetics of Second-Generation Antihistamines", New York, NY, October 22, 1998.
- 40. Speaker at the American College of Allergy, Asthma & Immunology Annual Meeting on "Pharmacokinetic Considerations in Selecting an Antihistamine", Philadelphia, PA,
- 41. November 7, 1998.
- 42. Presented 1 day Workshop on "The Role of Pharmacokinetics in the Evaluation of Controlled-Release Formulations" at the Controlled Release Society/Argentine Chapter, 3rd International Symposium, Buenos Aires, Argentina, August 9, 1999
- 43. Speaker on "Transdermal Delivery Systems-BE and Analytical Concerns", at the 32nd annual Congreso Nacional de Ciencias Farmacéuticas: AAPS Symposium, Puerto Vallarta, Mexico, October 26, 1999.
- 44. Moderator of Symposium titled" New Approaches to BE: The Biopharmaceutics Classification System" at the Pan American Health Organization Conference: Trends in Regulatory Standards on Active Materials and Bioequivalence, Washington D.C., November 5, 1999.
- 45. Speaker at the VI Congreso de las Federación Farmacéutica Sudamericana (FEFAS): "In Vitro/In Vivo Correlation in the Evaluation of Extended-Release Dosage Forms", Montevideo, Uruguay, April 27, 2000.
- 46. Speaker at the Congreso Farmacéutico Argentino: "Transdermal Products The Present & The Future", Buenos Aires, Argentina, April 29, 2000.
- 47. Co-Chair of CRS Workshop: <u>In Vitro/In Vivo Correlations Applicable to Extended-Release Formulations</u>, Paris, France, July 8-9, 2000.
- 48. Speaker at CRS Workshop: "Wagner-Nelson Analysis for *In Vitro/In Vivo* Correlations", Paris, France, July 8, 2000.

- 49. Speaker at Bioequivalence Evaluation of Oral Extended-Release Formulations Workshop: "Bioequivalence Requirements" & Scale-up & Post-Approval Changes (SUPAC) Biowavers", São Paulo, Brazil, August 10, 2000.
- 50. Speaker at X Congreso Nacional de Ciencias Farmacéuticas: "Correlaciones *In Vitro/In Vivo*," Panama City, Panama; September 2, 2000.
- 51. Speaker at CRS Workshop: "Correlaciones *In Vitro/In Vivo*", Vitoria-Gasteiz, Spain; September 20, 2000.
- 52. Speaker at the XXXIV Congreso Nacional de Ciencias Farmacéuticas: "Requisitos Para Bioequivalencia," Ixtapa, México, October 23, 2000.
- 53. Speaker at the XVII Panamerican Congress of Pharmacy and the V World Congress of Pharmacists of Portuguese Language: "Biodisponibility and Bioequivalencia," Rio de Janeiro, Brazil; November 3, 2000.
- Poster Presentation at the Congreso de Ciencias Farmacéuticas de las Américas (PCA): "In Vitro/In Vivo Correlation with a Liquid Extended-Release H₁ Antihistamine Formulation", Orlando, Florida; March 29, 2001.
- 55. Speaker at the College of Chemistry, Universidad Nacional Autónoma de México, (UNAM): "Correlaciones *In Vitro/In Vivo,*" May 29, 2001.
- 56. Moderator & Organizing Committee Chair for Asociación Farmacéutica Mexicana's (AFM) Seminario de Farmacología Clínica, Mexico City, Mexico; May 31-June 1, 2001.
- 57. Speaker at the III Congreso Regional de Químico Farmacéutico Biólogos: "El Uso de *In Vitro/In Vivo* en el Desarollo de Medicamentos", Monterrey, Mexico; August 31, 2001.
- 58. Workshop Speaker at the V Congreso del la Sociedad Española de Farmacia Industrial y Galéncia (SEFIG): "Biodisponibility and Bioequivalencia", Valencia, Spain; February 7, 2001.
- 59. Speaker at Symposium titled" "Can a Once-Daily Methylphenidate Patch Help Children with ADHD?" at the 48th Annual American Academy of Child & Adolescent Psychiatry: "Methylphenidate Pharmacokinetics After Dosing With A Once-Daily Transdermal System", Honolulu, Hawaii; October 27, 2001.
- 60. Poster presentation titled at the 48th Annual American Academy of Child & Adolescent Psychiatry: "Methylphenidate Bioavailability from an Extended-Release Capsule Administered Sprinkled or Intact "Honolulu, Hawaii; October 25, 2001.
- 61. Poster presentation titled at the 48th Annual American Academy of Child & Adolescent Psychiatry: "Methylphenidate Bioavailability Assessment From Two Modified Release Formulations", Honolulu, Hawaii; October 25, 2001.

- 62. Speaker at XXVII Congreso Centroamericano y del Caribe de Ciencias Farmacéuticas: "Conceptos de Bioequivalencia e Interpretaciones Equivocadas," Antigua, Guatemala; November 30, 2001.
- 63. Invited lecturer at 2-day seminar for Instituto Nacional de Higiene "Uso de la Farmacocinética en la Evaluación de Medicamentos," Caracas, Venezuela; January 22-23, 2002.
- 64. Speaker at ExpoFarma Congress & Exhibition: "Evolución de los Medicamentos Genéricos en las E.U.A.", México, D.F., March 14, 2002.
- 65. Workshop Speaker at Asociación Farmacéutica Mexicana's (AFM) Seminario Internacional de Medicamentos Genericos Intercambiables: "Sistema de Clasificación Biofarmacéutica", México, D.F.; April 4, 2002.
- 66. Workshop Speaker at AFM's Seminario Internacional de Medicamentos Genericos Intercambiables: "Aspectos Científicos de los Estudios de Bioequivalencia y Requisitos del FDA", México, D.F.; April 5, 2002.

Volunteer Service:

American Association of Pharmaceutical Scientists (AAPS)

- 1. Chairman of PPDM Nominating Committee for 1987, 1988.
- 2. Chairman of Symposium for PDD Section at AAPS National Meeting, 1988.
- 3. PPDM Program Committee Member for Atlanta Meeting, 1988.
- 4. Candidate for Vice-Chair of PPDM, 1989.
- 5. Chairman of Symposium for PPDM Section at AAPS National Meeting, 1989.
- 6. Co-Chairman of PPDM Program Committee for Las Vegas Meeting, 1990.
- 7. Member of AAPS Task Force on Generic Drugs, 1990; AAPS spokesman at Blue Ribbon Committee on Generic Medicines Public Hearing, June 20, 1990 in Washington, DC.
- 8. Member of the AAPS Future Events Committee, 1990.
- 9. Vice-Chairman of Dermatopharmaceutics Focus Group, 1991.
- 10. Chairman of PPDM Publicity Committee, 1991.
- 11. Fund Raiser and Organizing Chairman for PPDM Open Forum I, 1991.
- 12. Chairman of Dermatopharmaceutics Focus Group, 1992.

- 13. Chairman Open Forum II Planning Committee, 1992.
- 14. Chairman of PPDM Publicity Committee, 1992, 1993.
- 15. Chairman of AAPS Publicity Committee, 1992, 1993.
- 16. Member of FDA/AAPS Workshop on Scale-Up of Oral Controlled-Release Dosage Forms, 1992.
- 17. Moderator for the AAPS/FDA Workshop on Evaluation of Orally Administered Highly Variable Drugs and Drug Formulations, March 6-8, 1995.
- 18. Planning Committee Member for FDA/AAPS Workshop on Scale-Up on Heterogeneous Formulations, 1992-93.
- 19. Member of Annual Program Committee, 1993.
- 20. Vice-Chair of PPDM, 1993.
- 22. Chair-Elect of PPDM for 1994.
- 22. Chair of PPDM for 1995.
- 23. Moderator for the AAPS/FDA Workshop on Evaluation of Orally Administered Highly Variable Drugs and Drug Formulations, March 6-8, 1995.
- 24. Co-Chair of Planning Committee for AAPS/FDA/USP Workshop IV: Scale-Up of Adhesive Transdermal Drug Delivery Systems, 1995-96.
- 25. Co-Chair of AAPS Pharmaceutical Congress of the Americas to be held March 23-29, 2001.

Controlled Release Society (CRS)

- 1. Member of CRS Programming Committee, 1992-93.
- 2. Chair of Workshop on Scale-up & Manufacturing Site Change at the 21st International Symposium on Controlled Release of Bioactive Materials: Nice, France, June 24-25, 1994.
- 3. Invited by the Argentina CRS Chapter to be sole presenter at a One-Day Workshop for the Regional CRS Meeting. Topic: "The Role of Pharmacokinetics In The Evaluation of Oral Extended-Release Formulations" to be presented in Buenos Aires, Argentina, August 9, 1999.

- 4. Co-Chair of Workshop on *In Vitro/in Vivo* Correlations Applicable to Extended-Release Formulations, Paris, France, July 8-9, 2000.
- 5. Co-Chair of "Emerging Fields of Oral Drug Delivery", The Eurand Award 2000, at the CRS Meeting, Paris, France, July 12, 2000.

European Journal of Pharmaceutics and Biopharmaceutics

- 1. International Editorial Board Member, 1992-present.
- 2. Author of nine "FDA Update" articles in EJPB in 1993 and 1994.
- 3. Editor (with Gordon Flynn, Ph.D. as Co-Editor) of the EJPB special issue on Transdermal Pharmacokinetics published in June, 1995, vol. 41, 3.

Publications:

- 1. M.A. González, J. Nematollahi, W.I. Guess, and J. Autian: Diffusion, Permeation, and Solubility of Selected Agents In and Through Polyethylene, <u>J. Pharm. Sci., 56</u>, 1288-1293, 1976.
- 2. M.A. González, T.N. Tozer, and D.T.T. Chang: Nonlinear Tissue Disposition: Salicylic Acid in Rat Brain, J. Pharm. Sci., 64, 99-103, 1975.
- 3. L. Kisareck, P. Winston, and M.A. González: The Biological Half-Lives of Molybdenum as Based upon Biphasic Urinary Excretion in the Rat, <u>Interface</u>, <u>5</u>, 45-46, 1976.
- 4. R.A. Landay and M.A. González: Effect of Phenobarbital on Theophylline Disposition, <u>J. Allergy and Clinical Immunology</u>, <u>62</u>, 27-29, 1978.
- 5. G. Larsen, R. Barron, R. Landay, and M.A. González: The Effect of Intravenous Aminophylline on Pulmonary Function in Cystic Fibrosis, <u>Amer. Review Resp. Dis., 117.</u> 1978.
- 6. P. Goldberg, M.A. González, L. Gogenola, and F. Leffert: Comparison of Repeated Bolus Injection of Theophylline to Continuous Infusion in the Treatment of Asthma in Children, lbid, 117, <a href="mailto:1978.
- 7. R. Gurny, M.A. González, D. Kildsig, and G.S. Banker: The Determination of Entrapment Efficiency for a Molecular Dispersion System, <u>Drug Development and Industrial Pharmacy</u>, 5, 437-445, 1979.
- 8. J.W. Georgitis, H. Eigen, M. Glick, R. Warner and M.A. González: Theophylline Absorption in Cystic Fibrosis, <u>Amer. Rev. Resp. Dis.</u>, <u>119</u>, 276, 1979.

- 9. G.L. Larsen, R.J. Barron, R.A. Landay, and M.A. González: Intravenous Aminophylline in Patients with Cystic Fibrosis: Pharmacokinetics and Effect on Pulmonary Function <u>Am. J. Dis. Child.</u>, <u>134</u>, 1143-1148, 1980.
- 10. P.B. Goldberg, M.A. González, L. Gogenola, G. Zerbe, and F. Leffert: IV Aminophylline Therapy for Asthma: A Comparison of Two Methods of Administration in Children., <u>Amer. J. Dis. Child.</u>, <u>134</u>, 596-599, 1980.
- 11. J.L. Yaeger, R. Gurny, M.A. González, R. Sjoqvist, and G.S. Banker: Bioavailability Assessment of Polymer Interacted Dextropropoxyphene from Rectal Dosage Forms, Pharmazeutische Industry, 42, 1141-1143, 1980.
- 12. C. Williams, C.S. Huang, R. Erb, and M.A. González: High-Performance Liquid Chromatographic Assay for Plasma Dipyridamole Monitoring, J. Chrom. Biomed. Applications, 225, 225-230, 1981.
- 13. F.C. Robinson, R.N. Warner, and M.A. González: Predicting Individual Phenytoin Serum Levels of Patients Seen in a Private Office Practice, <u>Neurology</u>, <u>31</u>, 761-763, 1981.
- 14. J.W. Georgitis, H. Eigen, M. Glick, R. Warner, and M.A. González: Oral Theophylline Disposition in Cystic Fibrosis, <u>Annals of Allergy</u>, <u>48</u>, 175-177, 1982.
- 15. C. Williams, P.R. Mayer, and M.A. González: Comparative Bioavailability of Dipyridamole from Two Tablet Formulations, <u>Current Therapeutic Research</u>, <u>32</u>, 236-242, 1982.
- 16. N. Patel, G.S. Banker, D. Kildsig, and M.A. González: Paired-Ion High-Performance Liquid Chromatographic Assay for Sulfinpyrazone in Plasma, J. <u>Pharm. Sci.</u>, 71, 1413-1315, 1982.
- 17. M.A. González and A.L. Golub: Theo-Dur Sprinkle: Controlled-Release Delivery Systems for Theophylline, <u>Drug Development and Industrial Pharmacy</u>, <u>9</u>, 1279-1396, 1983.
- 18. A.L. Golub and M.A. González: The Relevance of Projected Theophylline Concentration Curves, In <u>Sustained Release Theophylline in the Treatment of C.R.A.O.</u>, J.H.G. Jonkman, J.W. Jenne, and F.E.R. Simons (Eds.), Excerpta Medica, Princeton, 1984.
- 19. A.B. Straughn, M. Meyer, A. Golub, and M.A. González: A Chronopharmacokinetic Model for Controlled-Release Formulations, In <u>Annual Review of Chronopharmacology</u>, A. Reinberg, M. Smolensky, and G. Labrecque (Eds.), Pergamon Press, New York, 1984.
- 20. A.B. Straughn, M.C. Meyer, A.L. Golub, and M.A. González: Administration of Theo-Dur Once Daily VS Twice Daily, In <u>Sustained Release Theophylline and Nocturnal Asthma</u>, A.F. Isles and PI Von Wichert (Eds.), Excerpta Medica, Princeton, 1985.
- 21. P.K. Noonan, M.A. González, D. Ruggirello, J. Tomlinson, E. Babcock-Atkinson, M. Ray, A. Golub, and A. Cohen: Relative Bioavailability of a New Transdermal Nitroglycerin Delivery System, J. Pharm. Sci., 75, 688-691, 1986.

- 22. A. Golub, R.W. Frost, C.J. Betlach, and M.A. González: Physiologic Considerations in Drug Absorption from the Gastrointestinal Tract, <u>J. Allergy and Clinical Immunology</u>, <u>78</u>, 689-694, 1986.
- 23. A. McLean, E. Babcock-Atkinson, K. Rein, D. Ruggirello, M.A. González, and P. Noonan: High Performance Liquid Chromatographic (HPLC) Assay Using Fluorescence Detection for the Simultaneous Determination of Gallopamil and Norgallopamil in Human Plasma, Pharmaceutical Research, Vol. 4, No. 4, 1987.
- A. McLean, D. Ruggirello, E. Babcock-Atkinson, K. Rein, M.A. González, and P.K. Noonan: Liquid Chromatographic assay Using Fluorescence Detection for the Simultaneous, Quantification of Gallopamil and Norgallopamil in Human Plasma, Pharmaceutical Research, 327-331, 1987.
- T.L. Ling, J.P. Yee, A. Cohen C. Hsiao, M.A. González, D.C. Garg, and D.J. Weidler: A Multiple-Dose Pharmacokinetic Comparison of Naproxen as a Once-Daily, Controlled-Release Tablet and a Twice-Daily Conventional Tablet, <u>J. Clin. Pharmacology</u>, <u>27</u>, 325-329. 1987.
- 26. C.J. Betlach, J.D. Arnold, R.W. Frost, P.T. Leese, and M.A. González: Bioavailability and Pharmacokinetics of a New Sustained-Release Potassium Chloride Tablet. <u>Pharmaceutical Research</u>, <u>Vol. 4</u>, <u>No. 5</u>, 409-411, 1987.
- 27. A.B. Straughn, C.J. Betlach, M.C. Meyer, E.J. Jarvi, and M.A. González: Effect of Ranitidine-Induced Achlorhydria on the Absorption of Theophylline from a CR Formulation, <u>Pharm. Res.</u>, <u>4</u>, S80, 1987.
- 28. C.J. Betlach, A.B. Straughn, E.J. Jarvi, C.F. Ryan, J.C. Kisicki and M.A. González: Chronopharmacokinetics of Theophylline from a Once-A-Day Tablet Dosed in the Morning and at Night in <u>Annual Review of Chronopharmacology</u>, A. Reinberg, M. Smolensky, G. Labrecque (Eds.), Pergamon Press, Oxford, England, 1988.
- 29. D.A. Ruggirello, P.K. Noonan, M.A. González, P. Ho, and J.G. Wagner: Gas Chromatographic Determination of Gallopamil and Norgallopamil in Human Plasma, <u>J. Chrom. Biomed.</u>
 <u>Application</u>, <u>487</u>, 73-80, 1989.
- 30. P.K. Noonan and M.A. González: Pharmacokinetics and the Variability of Percutaneous Absorption, J. <u>Toxicol</u>. and <u>Cutaneous and Ocular Toxicol</u>., <u>Vol</u>. 8, <u>No</u>. 4, 511-516, 1989.
- 31. A.M. McLean, D.A. Ruggirello, C. Banfield, M.A. González, and M. Bialer: Application of a Variance Stabilizing Transformation Approach to Linear Regression of Calibration Lines, J. Pharm. Sci., Vol. 79, No. 11, 1005-1008, 1990.
- 32. A.M. McLean, E.A. Cefali, J.S. Roden, and M.A. González: Stability of Diltiazem in Different Biological Fluids, <u>Biopharm</u>. <u>Drug Disposition</u>, <u>12</u>, 327-334, 1991.

- 33. C.J. Betlach, A.B. Straughn, M.C. Meyer, M. Bialer, V.I. Vashi, P. Lieberman, and M.A. González: The Effect of Raising Gastric pH with Ranitidine on the Absorption and Elimination of Theophylline from a Sustained-Release Theophylline Tablet, Pharmaceutical Research, Vol. 8, No. 12, 1516-1519, 1991.
- 34. P.K. Noonan, D.A. Ruggirello, J.J. Tomlinson, and M.A. González: Pharmacokinetic Considerations in Transdermal Nitroglycerin Delivery, In <u>Transdermal Drug Delivery</u> '86, H. Jaeger, H. Mosberg, H. Plettenberg, and I. Klingmann (Eds.), IDA Verlag, Neu-Ulm, W. Germany, 1991.
- 35. R.C. Jewell, C. Banfield, P.K. Noonan, D. Ruggirello, Y. Huang, and M.A. González: Dose-Proportionality of Transdermal Nitroglycerin, <u>Pharm</u>. <u>Research</u>, <u>Vol. 9</u>, <u>No. 10</u>, 1284-1289, 1992.
- 36. M.A. González, Trends in Transdermal Drug Delivery, Chapter 8 in <u>Topics in Pharmaceutical Sciences</u>, 1991, D.J.A. Crommelin and K.K. Midha (Eds.), Medpharm Scientific Publishers, Stuttgart, 1992.
- 37. Skelly, van Buskirk, Savello, Amidon, Arbit, Dighe, Fawzi, González, Malick, Malinowski, Nedich, Pearce, Peck, Schwartz, Shah, Shangraw, and Truelove: Scale-up of Immediate Release Oral Solid Dosage Forms: Workshop Report, <u>Eur. J. Pharm. Biopharm.</u>, <u>39</u>, <u>(1)</u>, 40-43, 1993.
- 38. E.A. Cefali, C.R. Banfield, M.A. González, and J.G. Wagner: In *Vivo* Determination of Zero-order Absorption from a Transdermal Glycerol Trinitrate System, <u>Eur. J. Pharm. Biopharm.</u>, <u>39</u>, <u>(4)</u>, 140-143, 1993.
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